

1. What is the main purpose of the document?
 2. What are the key findings of the study?
 3. What are the implications of the findings?
 4. What are the limitations of the study?
 5. What are the conclusions of the study?

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the H_2O_2 consumed in the reaction of the H_2O_2 with the Fe^{2+} ion. The concentration of the Fe^{2+} ion was 1.0×10^{-3} mol/L. The concentration of the H_2O_2 solution was 0.001, 0.002, 0.004, 0.006, 0.008, 0.010, 0.012, 0.014, 0.016, 0.018, 0.020, 0.022, 0.024, 0.026, 0.028, 0.030, 0.032, 0.034, 0.036, 0.038, 0.040, 0.042, 0.044, 0.046, 0.048, 0.050, 0.052, 0.054, 0.056, 0.058, 0.060, 0.062, 0.064, 0.066, 0.068, 0.070, 0.072, 0.074, 0.076, 0.078, 0.080, 0.082, 0.084, 0.086, 0.088, 0.090, 0.092, 0.094, 0.096, 0.098, 0.100 mol/L. The concentration of the Fe^{2+} ion was 1.0×10^{-3} mol/L. The concentration of the H_2O_2 solution was 0.001, 0.002, 0.004, 0.006, 0.008, 0.010, 0.012, 0.014, 0.016, 0.018, 0.020, 0.022, 0.024, 0.026, 0.028, 0.030, 0.032, 0.034, 0.036, 0.038, 0.040, 0.042, 0.044, 0.046, 0.048, 0.050, 0.052, 0.054, 0.056, 0.058, 0.060, 0.062, 0.064, 0.066, 0.068, 0.070, 0.072, 0.074, 0.076, 0.078, 0.080, 0.082, 0.084, 0.086, 0.088, 0.090, 0.092, 0.094, 0.096, 0.098, 0.100 mol/L. The concentration of the Fe^{2+} ion was 1.0×10^{-3} mol/L. The concentration of the H_2O_2 solution was 0.001, 0.002, 0.004, 0.006, 0.008, 0.010, 0.012, 0.014, 0.016, 0.018, 0.020, 0.022, 0.024, 0.026, 0.028, 0.030, 0.032, 0.034, 0.036, 0.038, 0.040, 0.042, 0.044, 0.046, 0.048, 0.050, 0.052, 0.054, 0.056, 0.058, 0.060, 0.062, 0.064, 0.066, 0.068, 0.070, 0.072, 0.074, 0.076, 0.078, 0.080, 0.082, 0.084, 0.086, 0.088, 0.090, 0.092, 0.094, 0.096, 0.098, 0.100 mol/L.